

XP-002147157

AN - 1986-303872 [46]

AP - SU19843787808 19840907

CPY - SKMI

DC - Q35

FS - GMPI

IC - B65G43/06

PA - (SKMI) SKOCHINSKII MINING INST

PN - SU1219489 A 19860323 DW198646 002pp

PR - SU19843787808 19840907

XIC - B65G-043/06

XP - N1986-227074

AB - SU1219489 Broken belt catching mechanism which is based on a Parent

Cert is used in conveyors inclined at greater angle than 10 deg. It is more reliable and easier to maintain. Telescopic ties and stops fix mechanism in position when belt is broken. Periodic adjustments of the stops operation and ties engagement is not required.

- Two levers (1) are hinged (2) to support and located in parallel on both sides of the belt (3). Control roller (4) contacts belt underside. Eccentric catches (5), made in the form of discs, are mounted on levers top ends. Telescopic ties (6), connected by levers, consist of the top and bottom parts (7,8), the latter with slots (9) for spring-loaded stop (12) of the boxes (11) When belt is broken, roller (4) is lifted and catches (5) lowered to contact belt. Stops (12) are pushed in ties openings (9) and fix mechanism in position. Due to telescopic ties, stops (12) are engaged before discs contact belt. After stops are engaged, ties continue to move down, discs contact belt and start to rotate and brake belt movement.

- USE/ADVANTAGE - For catching broken belt. Is reliable and easier to operate and adjust. Bul.11/23.3.86 (2pp Dwg.No.1/2)

IW - CONVEYOR BELT CATCH CATCH DISC SUPPORT LEVER CONNECT TELESCOPE TIE
SLOT SPRING LOAD STOPIKW - CONVEYOR BELT CATCH CATCH DISC SUPPORT LEVER CONNECT TELESCOPE TIE
SLOT SPRING LOAD STOP

NC - 001

OPD - 1984-09-07

ORD - 1986-03-23

PAW - (SKMI) SKOCHINSKII MINING INST

TI - Conveyor belt catch - has catching discs supporting levers connected to telescopic ties, each with slot for spring loaded stop

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